

FIG. 1

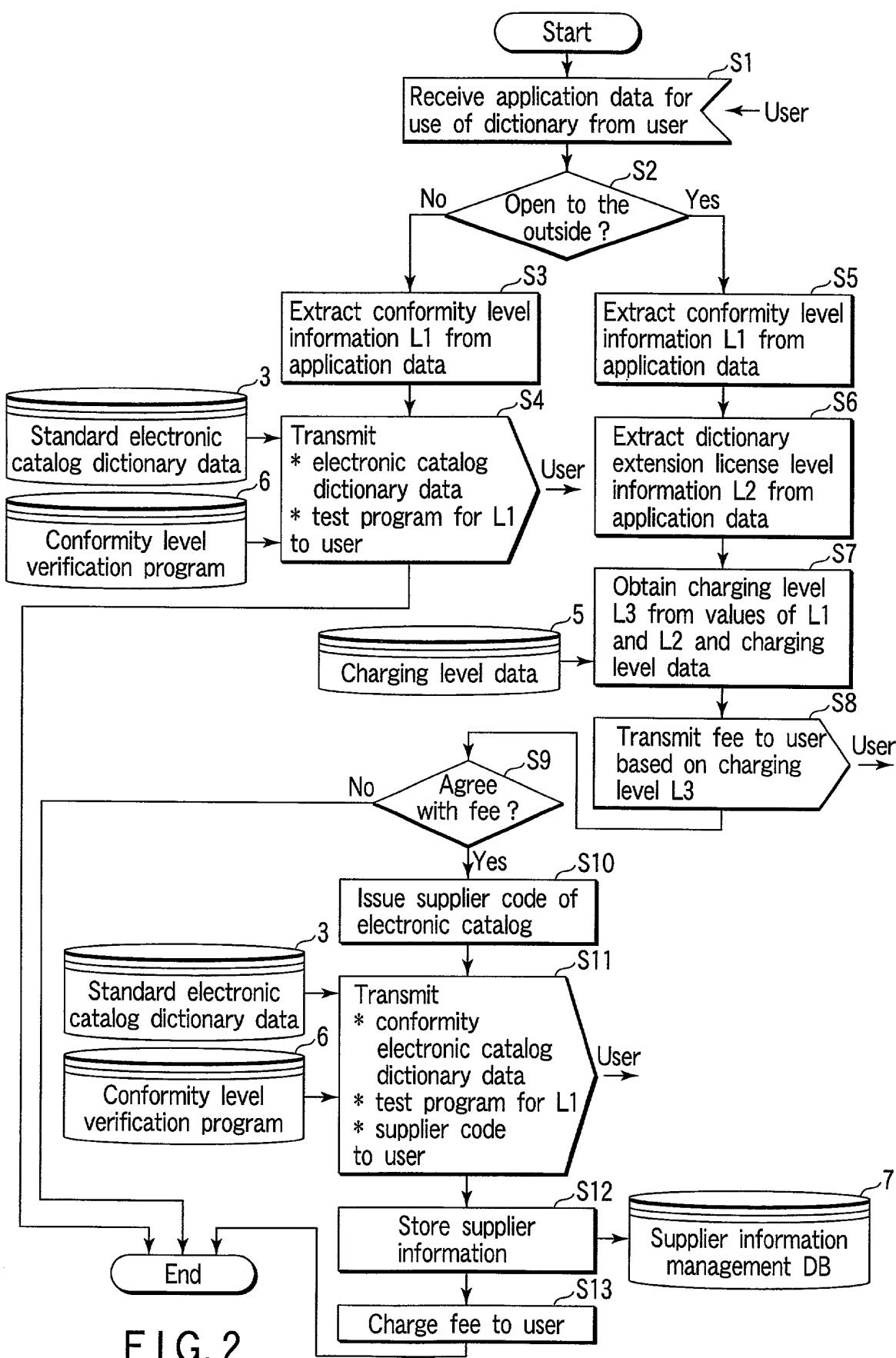


FIG. 2

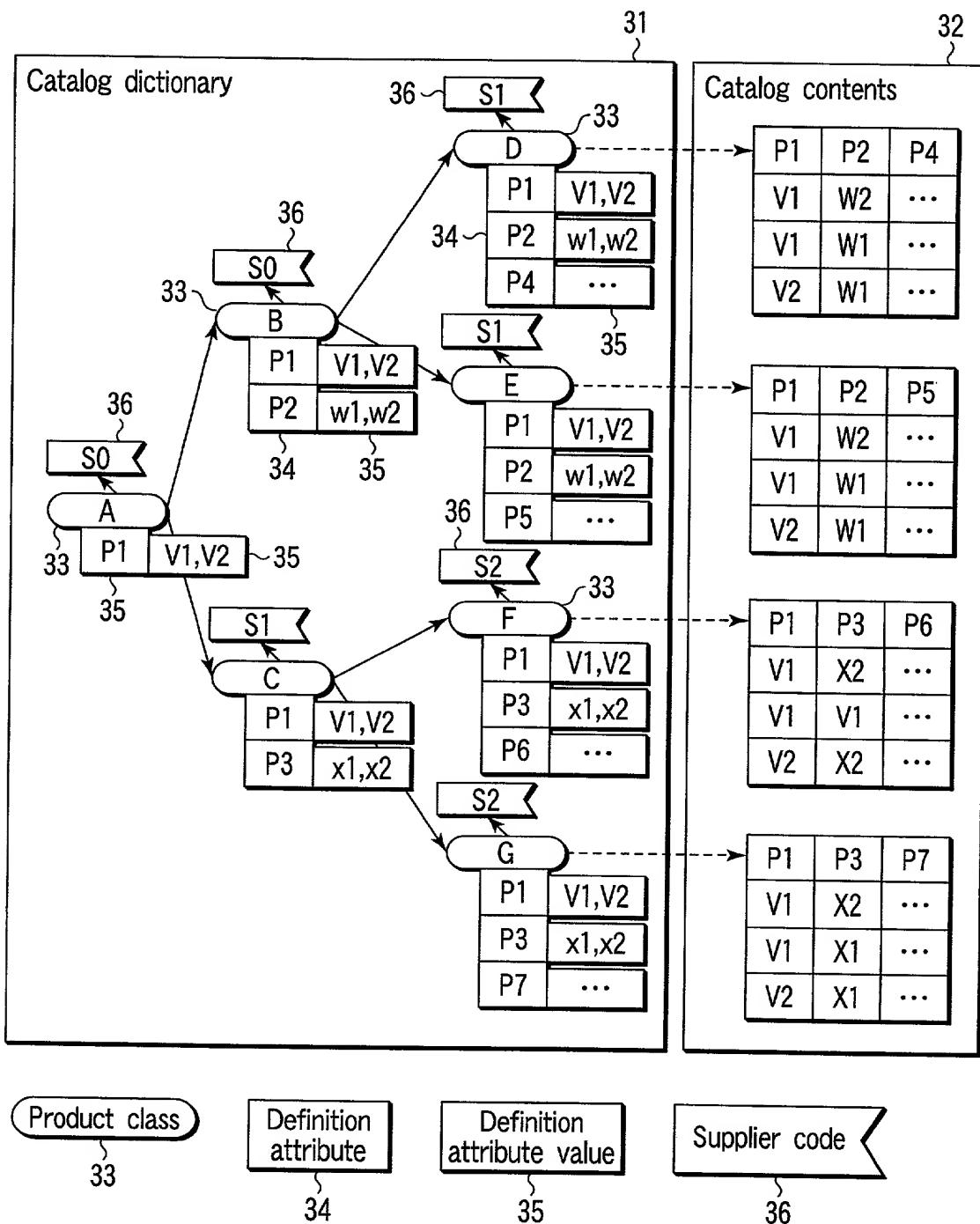


FIG. 3

	License 0	License 1	License 2	License 3	License 4
Level 1C	Charging level 01	_____	_____	_____	_____
Level 1E	_____	_____	Charging level 08	Charging level 09	Charging level 010
Level 2C	Charging level 01	_____	_____	_____	_____
Level 2E	_____	Charging level 02	Charging level 07	Charging level 08	Charging level 09
Level 3C	Charging level 01	_____	_____	_____	_____
Level 3E	_____	_____	Charging level 06	Charging level 07	Charging level 08
Level 4C	Charging level 01	_____	_____	_____	_____
Level 4E	_____	Charging level 02	Charging level 05	Charging level 06	Charging level 07
Level 5C	Charging level 01	_____	_____	_____	_____
Level 5E	_____	_____	Charging level 04	Charging level 05	Charging level 06
Level 6C	Charging level 01	_____	_____	_____	_____
Level 6E	_____	Charging level 02	Charging level 03	Charging level 04	Charging level 05

F I G. 4

- Term level: equal in individual term levels, but non-conforming to classification hierarchy and definition attribute

Level 1C	All terms in user dictionary are equal in definition to terms of standard dictionary
Level 1E	Terms in user dictionary and also included in standard dictionary have equal definitions

- Single-unit object level: equal in individual objects (product-attribute structure), but non-conforming to classification hierarchy

Level 2C	All objects in user dictionary are equal in definition to objects of standard dictionary
Level 2E	Objects in user dictionary and also included in standard dictionary have equal definitions

- Partial hierarchical level: same in partial hierarchical structure of dictionary, but non-conforming to definition attribute

Level 3C	All hierarchical structures in user dictionary are the same as some of hierarchical structures of standard dictionary
Level 3E	Some of hierarchical structures in user dictionary are the same as some of hierarchical structures of standard dictionary

- Partial hierarchical object level: partial hierarchical structure of user dictionary agrees with standard dictionary, and definition attribute is also equal

Level 4C	All hierarchical structures (including definition attributes) in user dictionary are the same as some of hierarchical structures of standard dictionary
Level 4E	Some of hierarchical structures (including definition attributes) in user dictionary are the same as some of hierarchical structures of standard dictionary

- Whole hierarchical level: all hierarchical structures of user dictionary agree with standard dictionary, and non-conforming to definition attribute

Level 5C	All hierarchical structures in user dictionary are the same as all hierarchical structures of standard dictionary
Level 5E	Some of hierarchical structures in user dictionary are the same as all hierarchical structures of standard dictionary

- Whole conformity level: all hierarchical structures of user dictionary agree with standard dictionary, and definition attribute is also equal

Level 6C	All hierarchical structures (including definition attributes) in user dictionary are the same as all hierarchical structures of standard dictionary
Level 6E	Some of hierarchical structures (including definition attributes) in user dictionary are the same as all hierarchical structures of standard dictionary

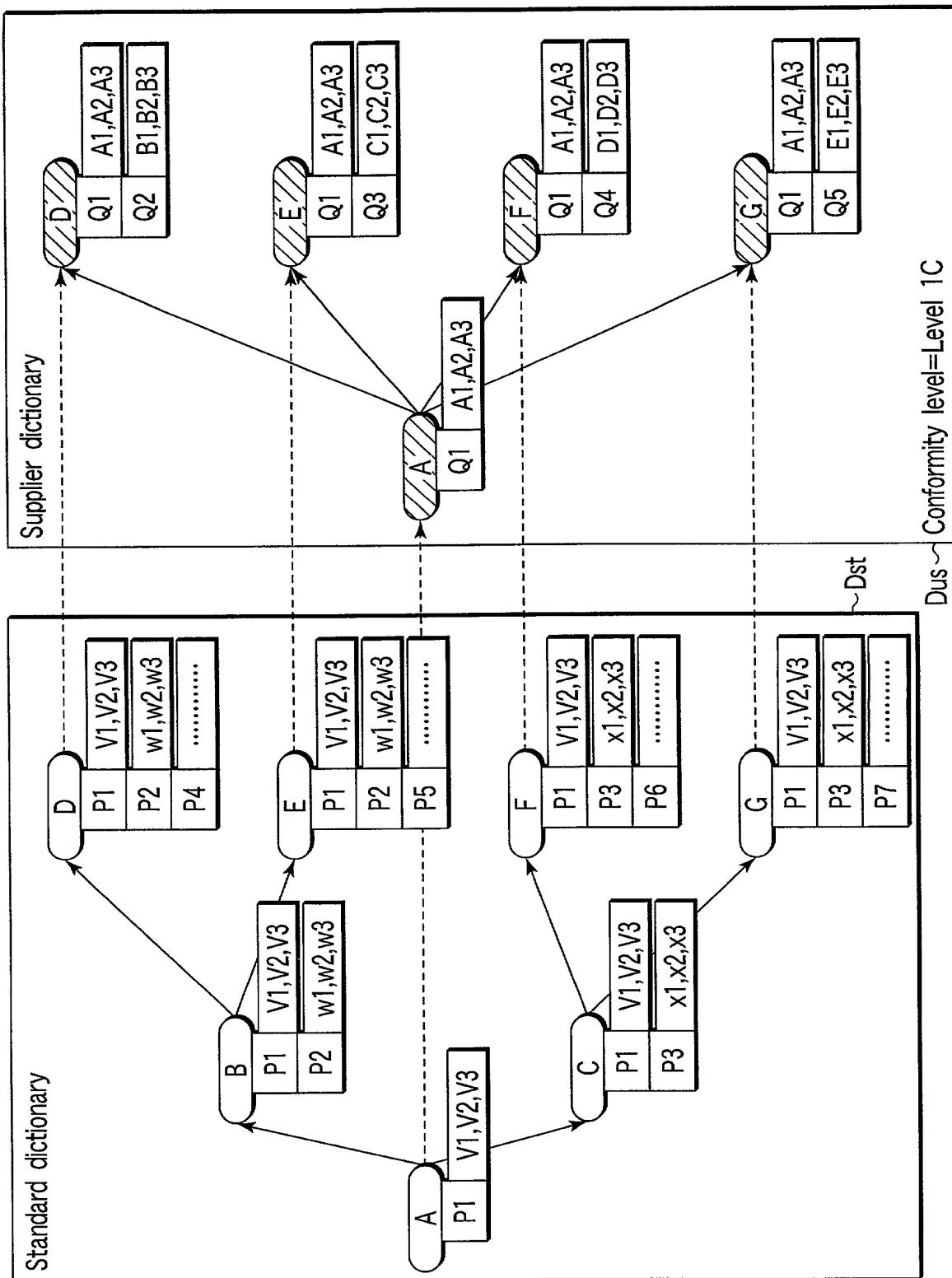
F I G. 5

No	License type	Content
License 0	Not extended	Existing dictionary is used as it is
License 1	Definition attribute value added	License in which new value can be added to existing definition attribute (* new class, new definition attribute cannot be added)
License 2	Definition attribute added	License in which new definition attribute can be added to existing object (* new class cannot be added, new value cannot be added to existing definition attribute)
License 3	Reclassification of terminal hierarchy	License in which object of lowermost class is further classified (* including addition of definition attribute and attribute value to new class)
License 4	Add low class to middle class	License in which lower class below arbitrary class other than lowermost class is prepared

FIG. 6

No	Applicant name	Supplier code	Dictionary extension license	Dictionary extension license	Conforming start class name	Applicant information/obtained date and address/contact address
1	Taro Toshiba	ABCD0001	Level 5	License 4	Motor
2	Hanako Toshiba	ABCD0002	Level 1	License 0	—
3	:	:	:	:	:	:
4						

FIG. 7



8
—
E

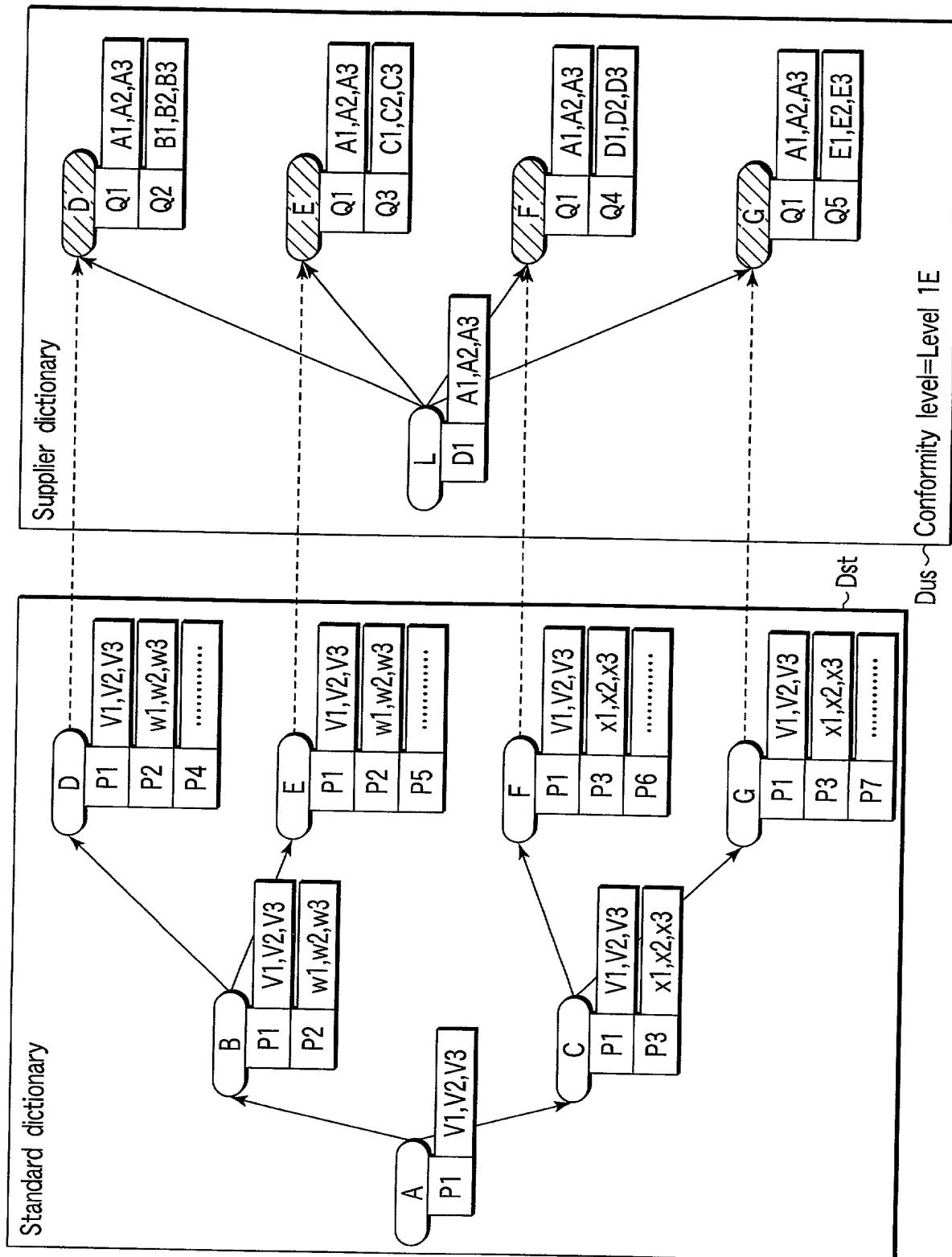


FIG. 9

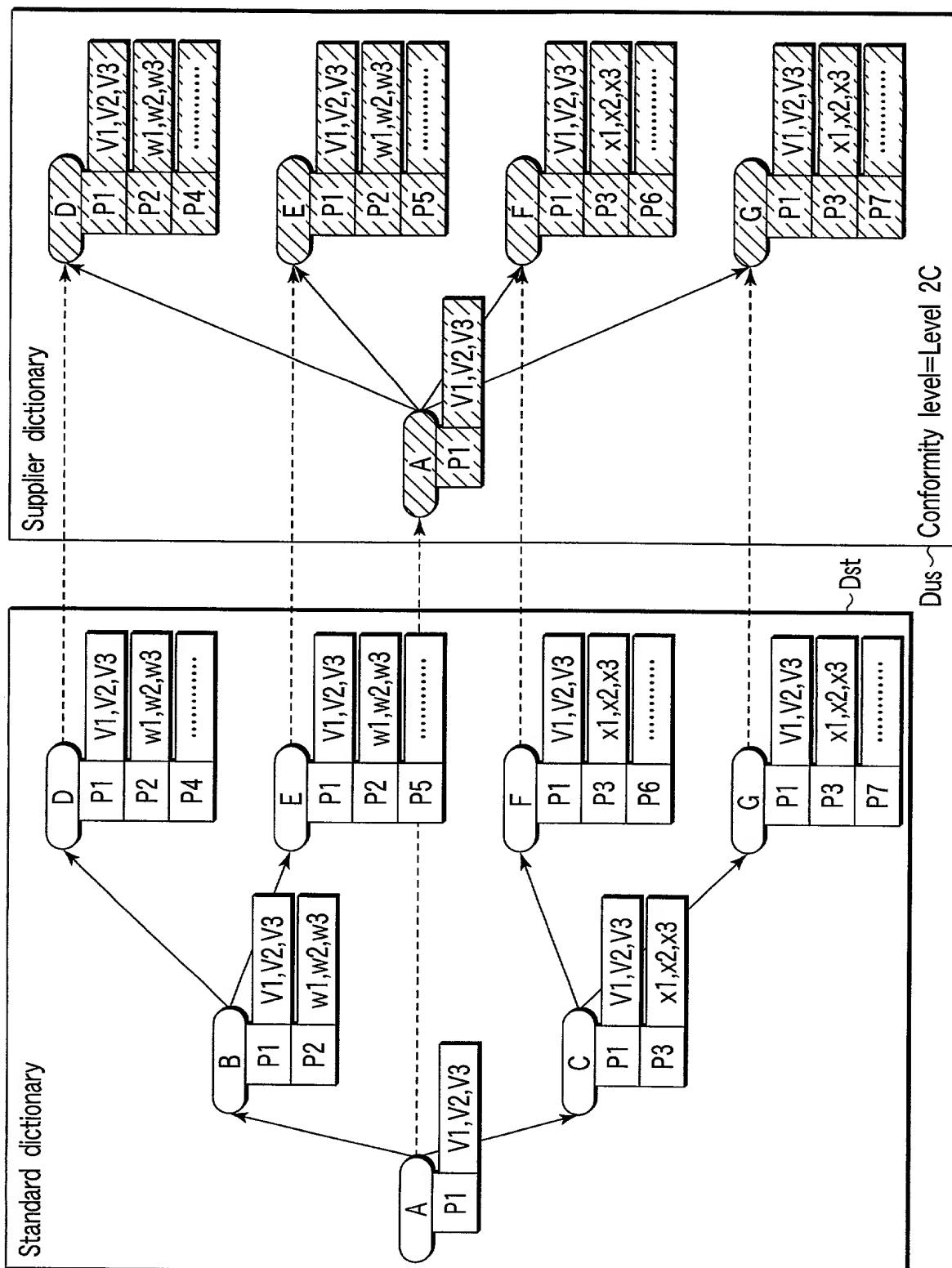


FIG. 10

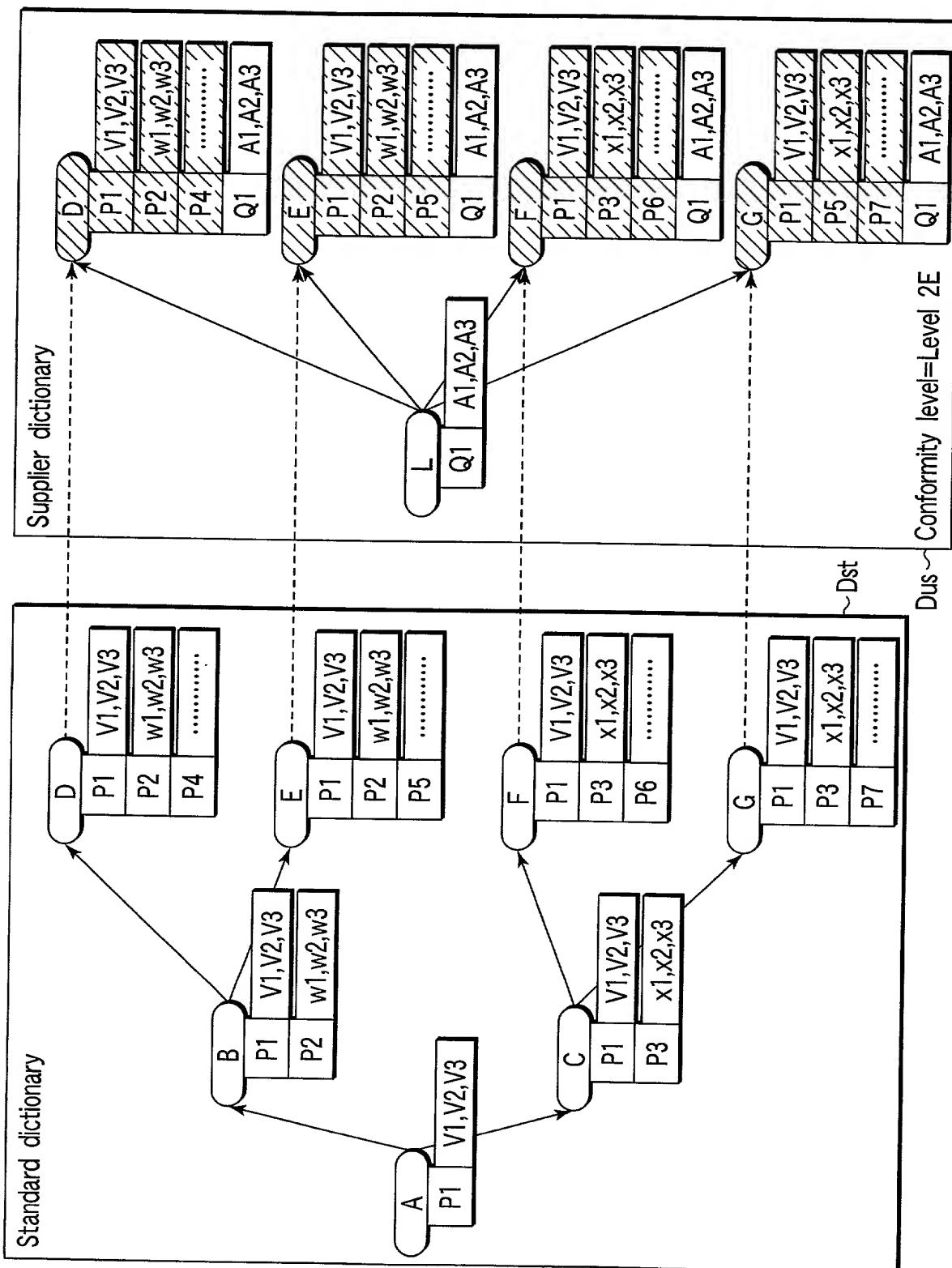


FIG. 11

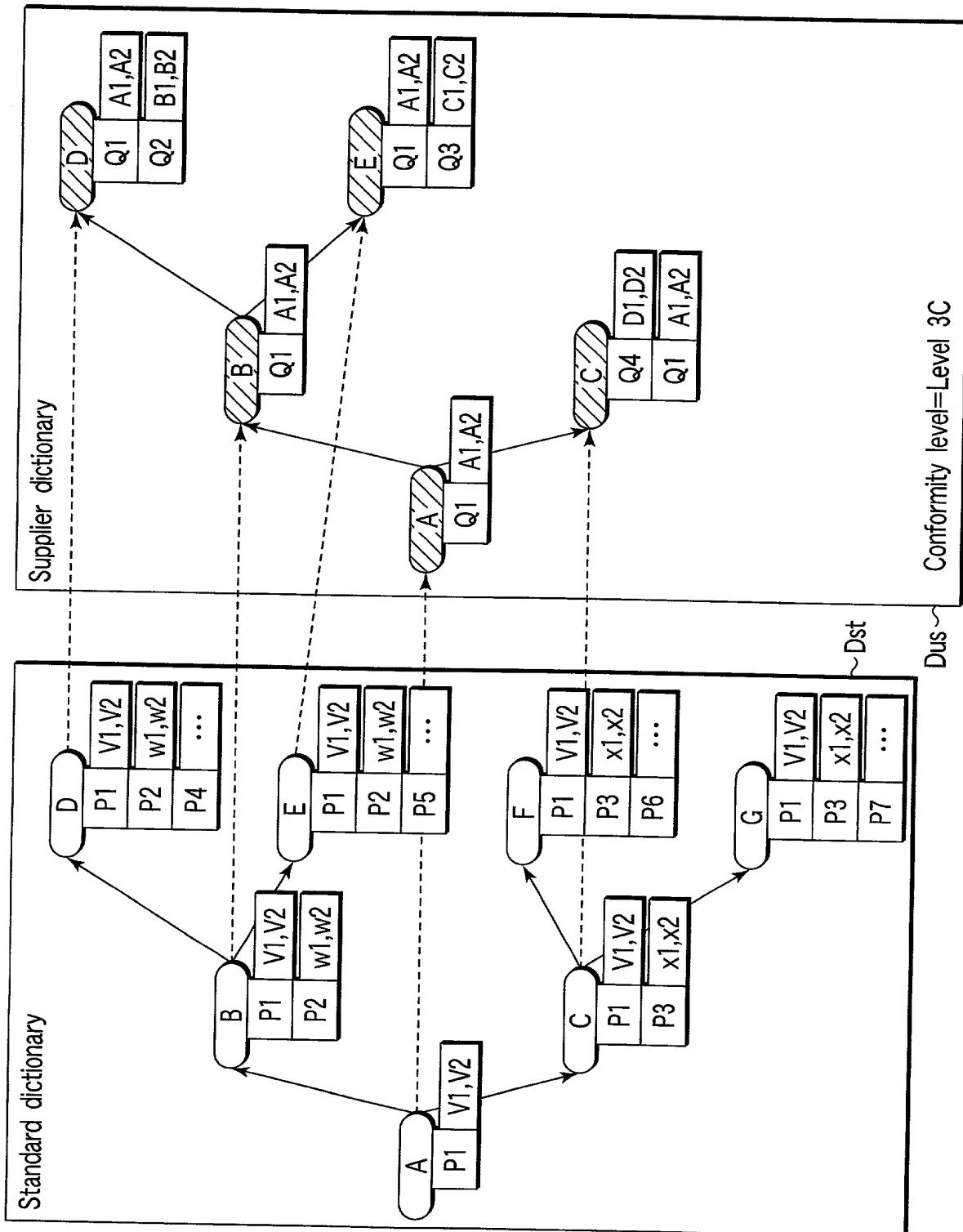
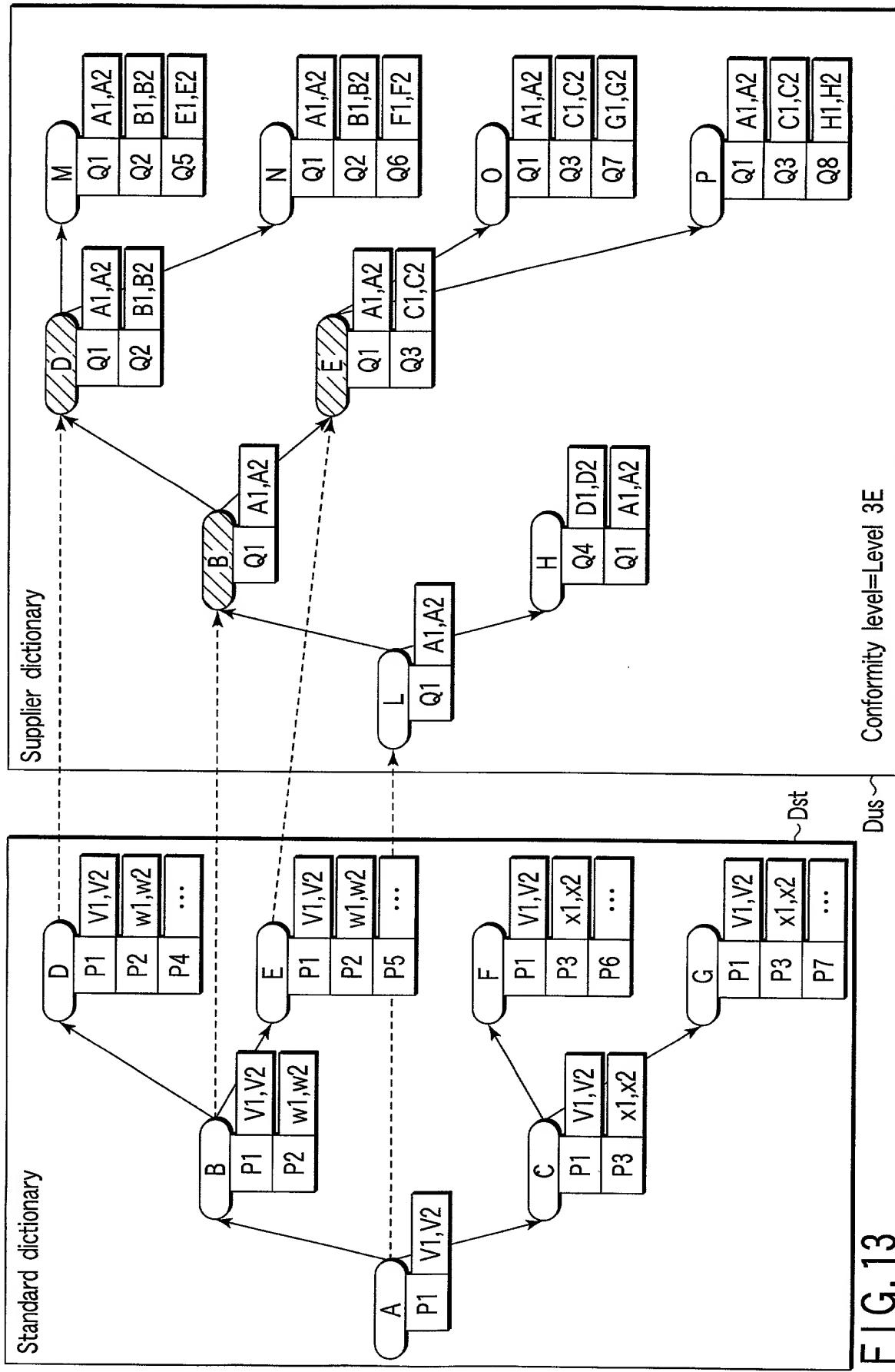


FIG. 12



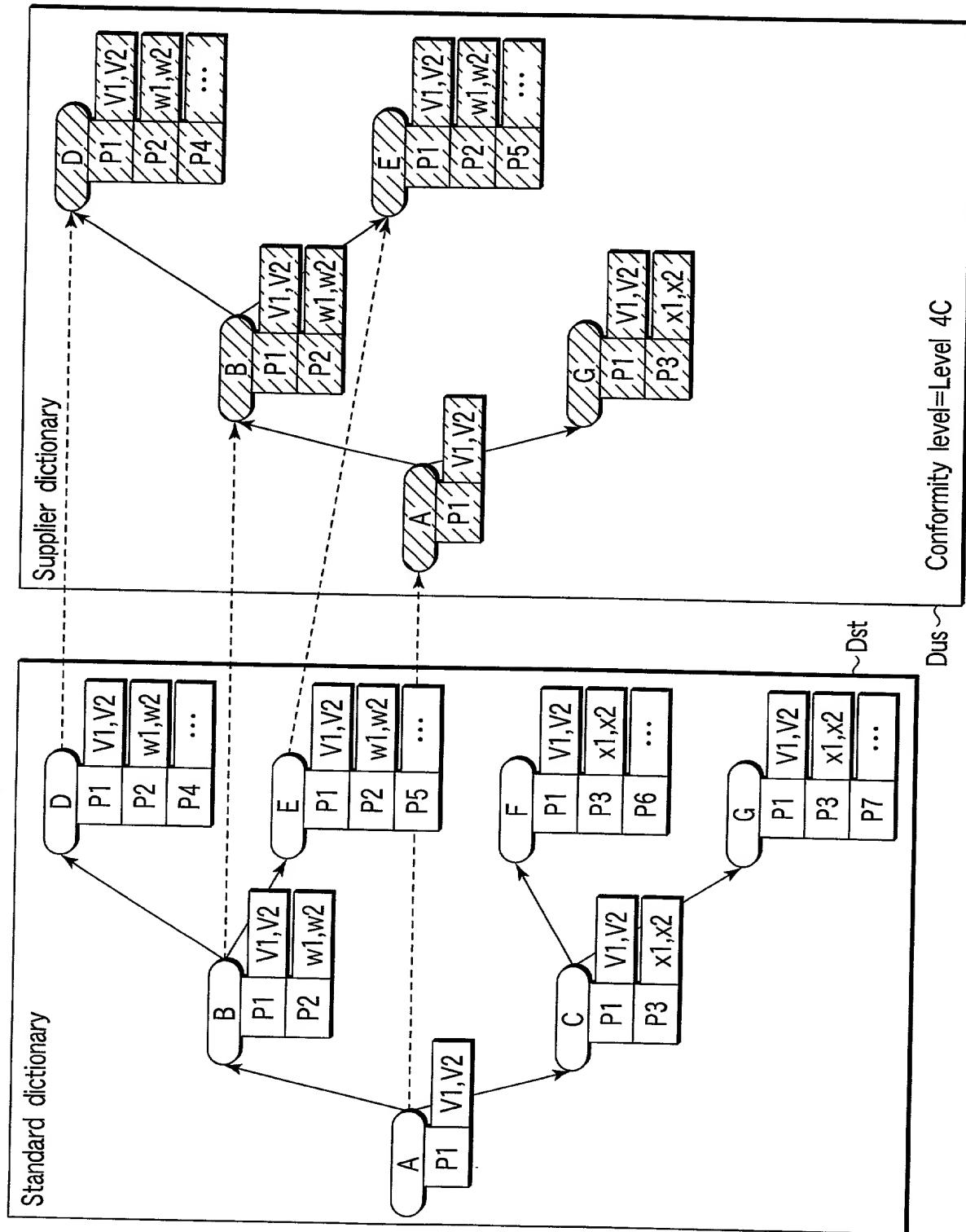


FIG. 14

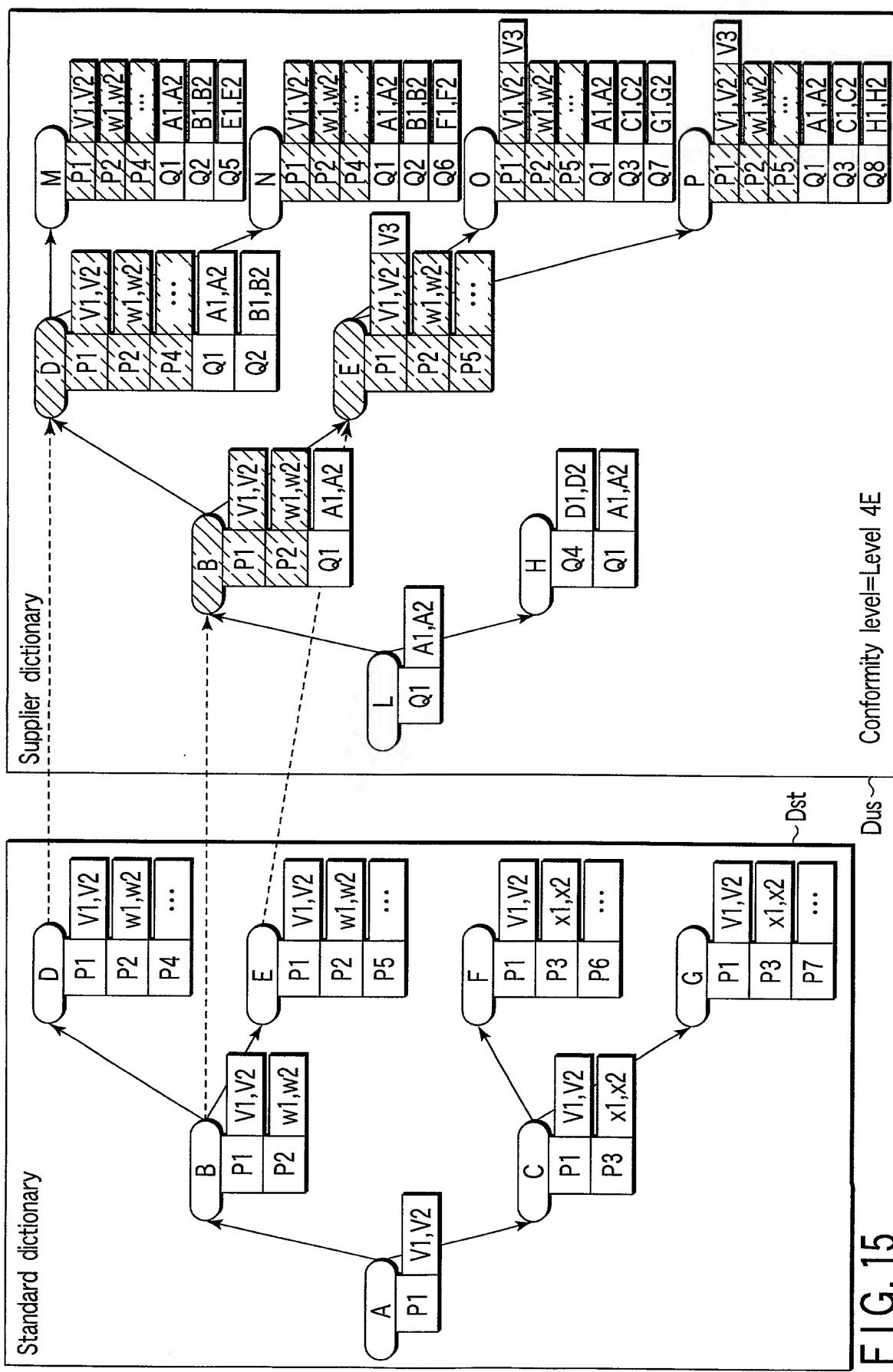


FIG. 15

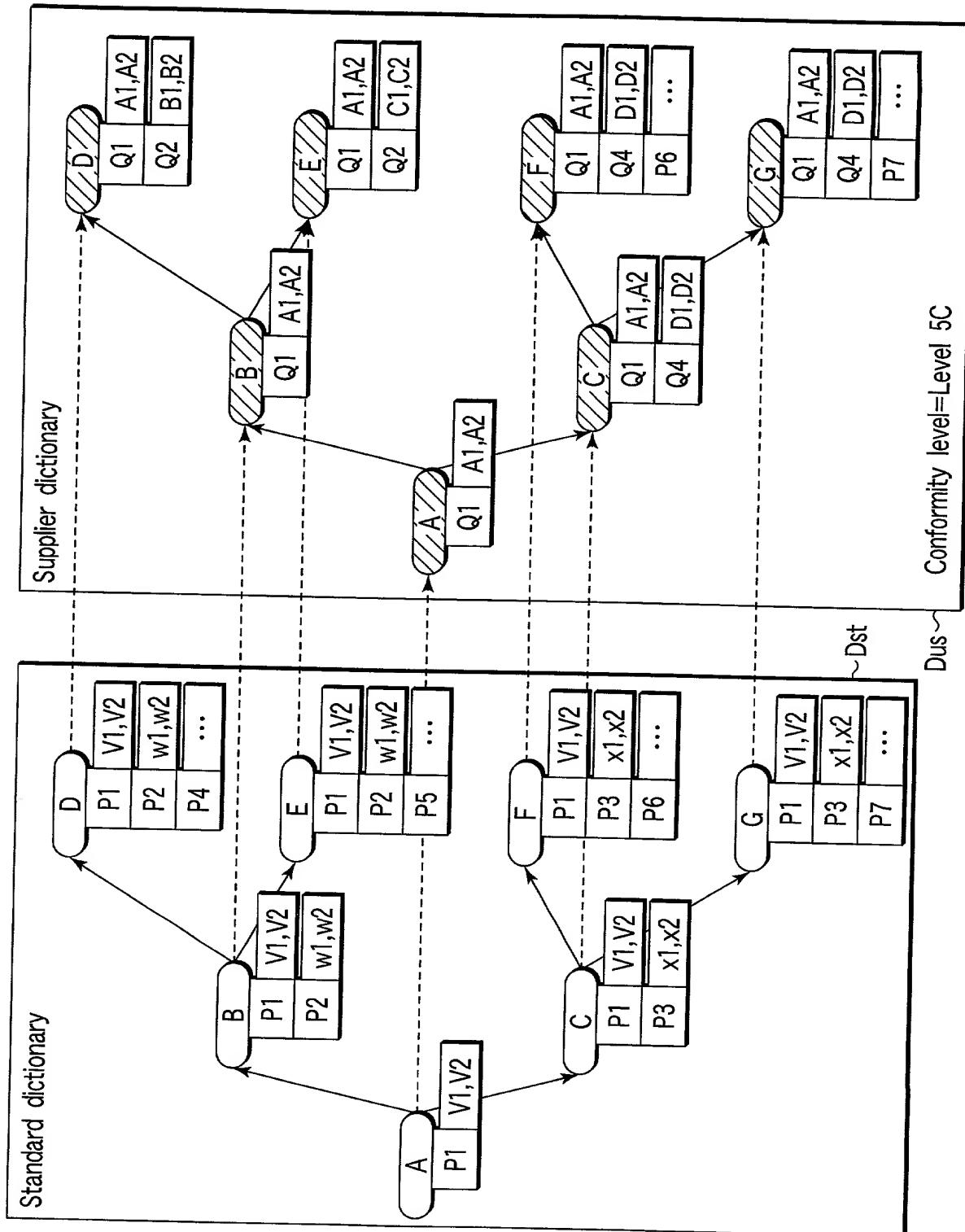
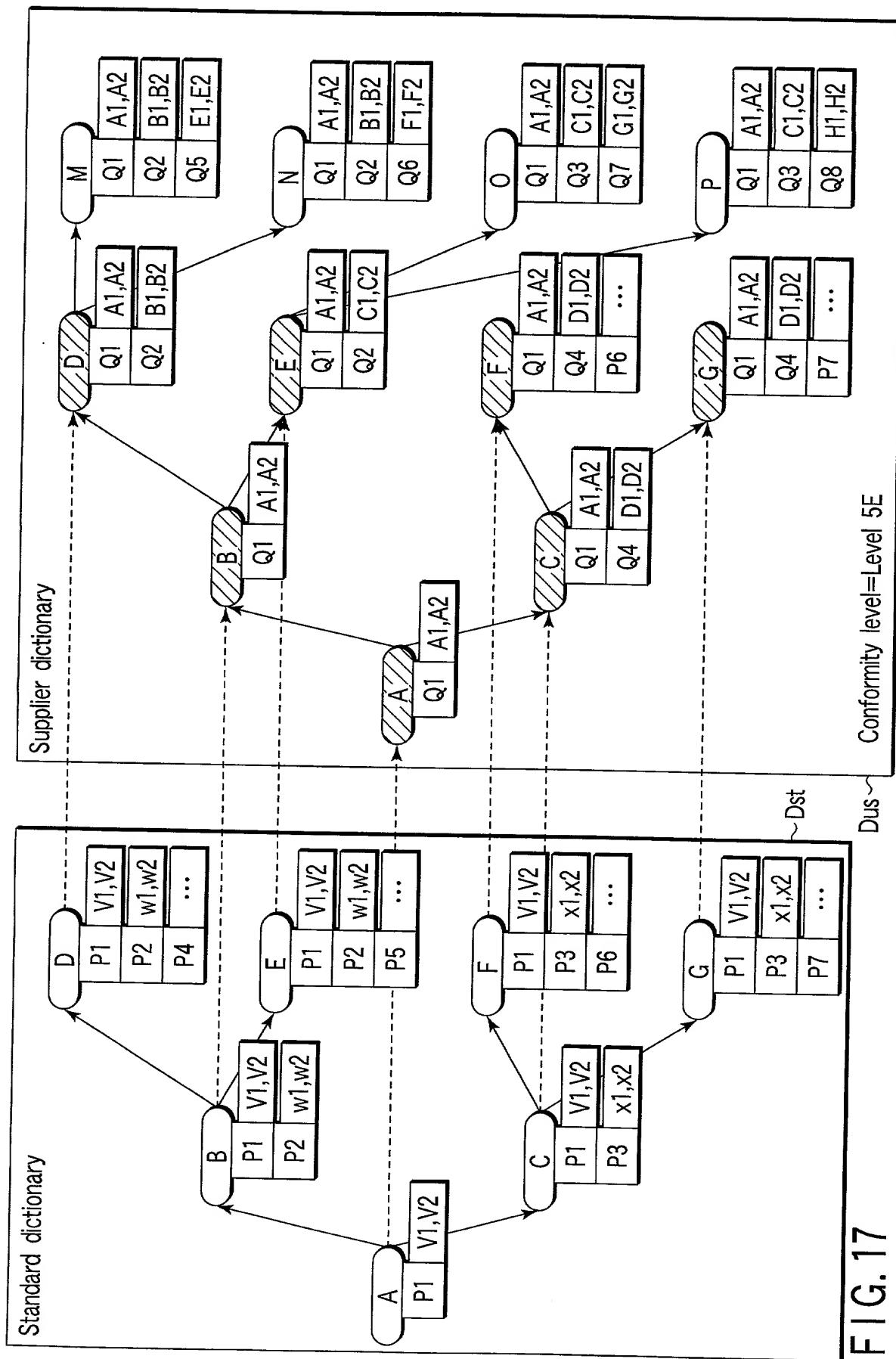
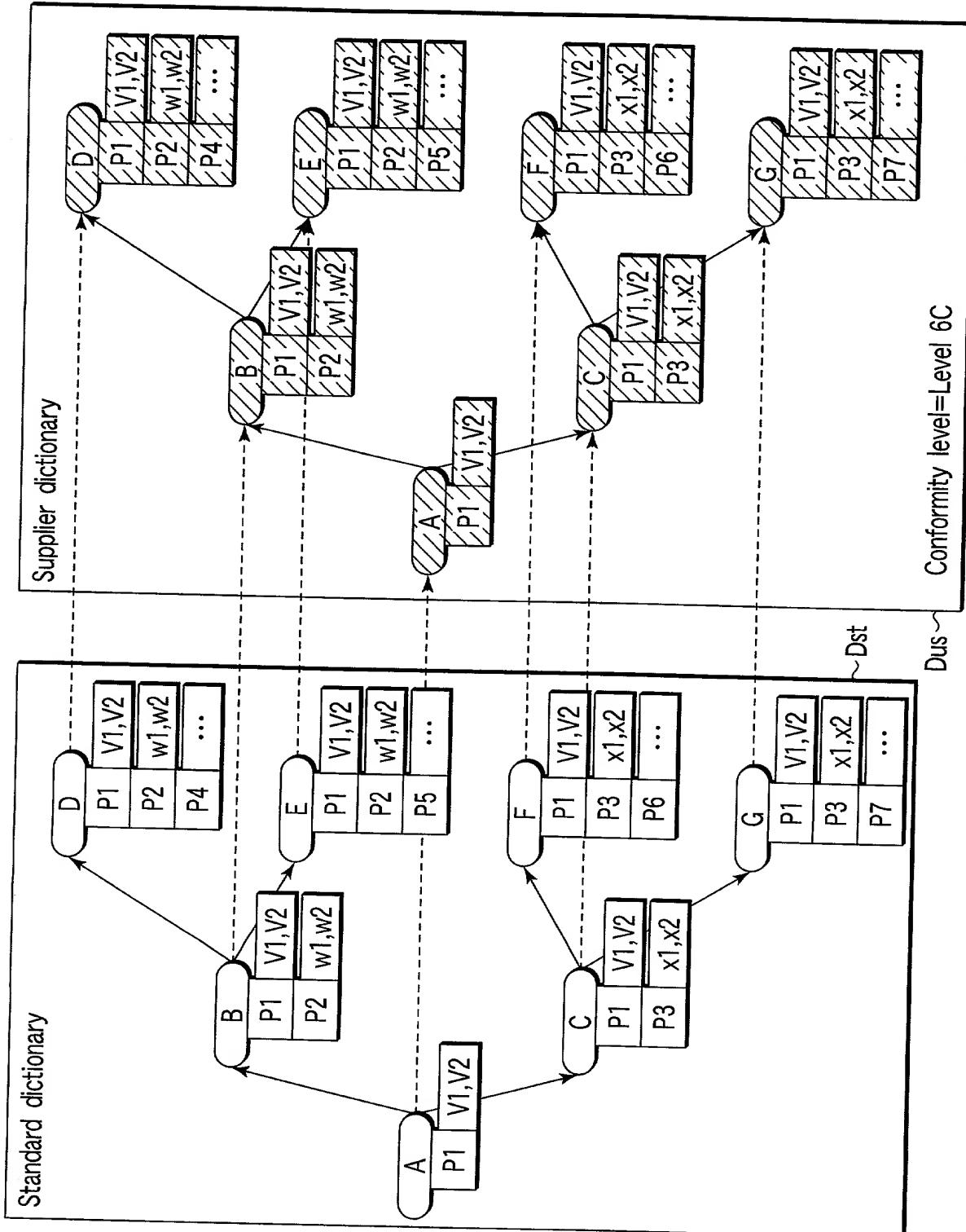
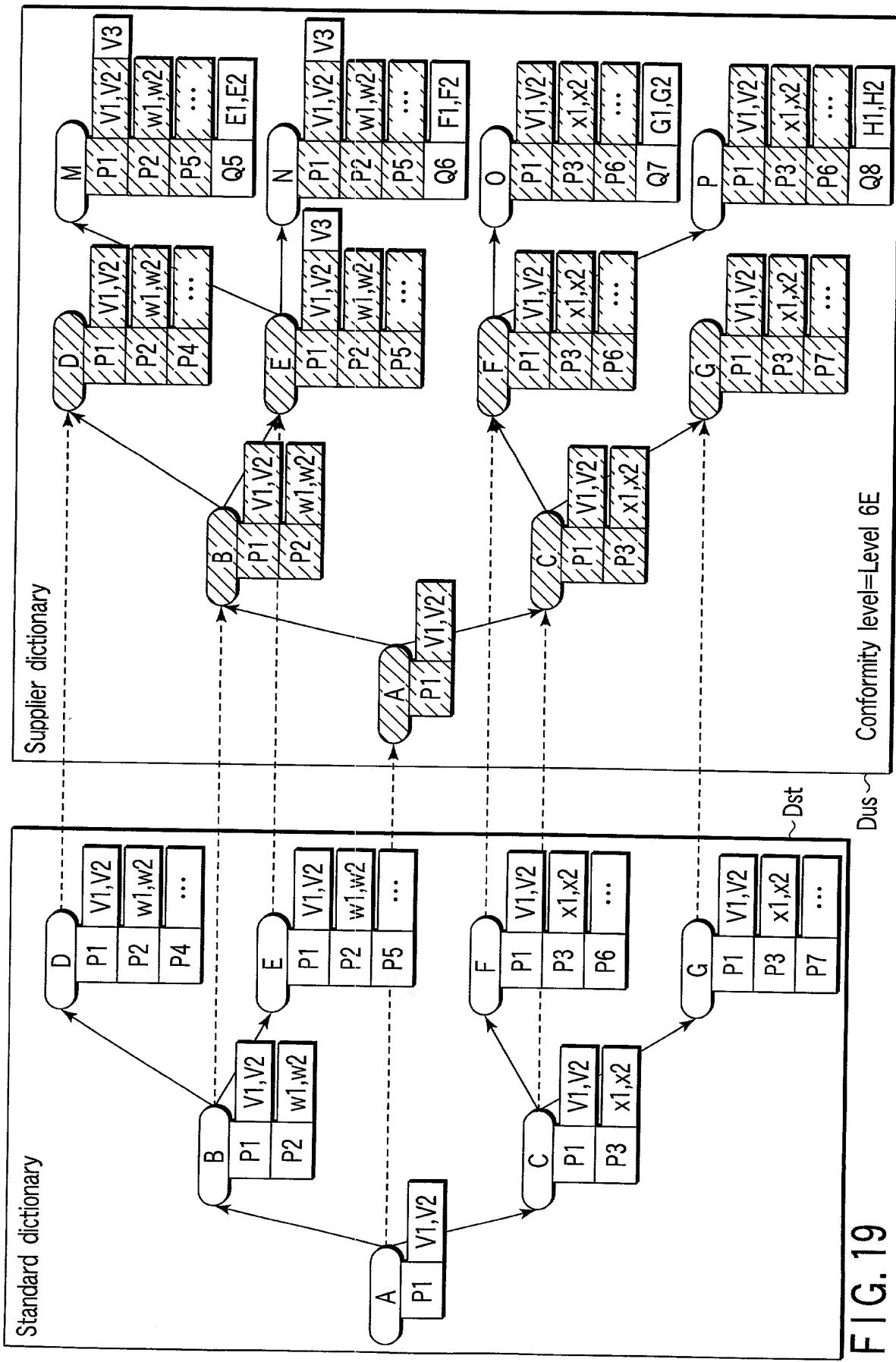


FIG. 16





F | G. 18



Level 1C conformity test processing

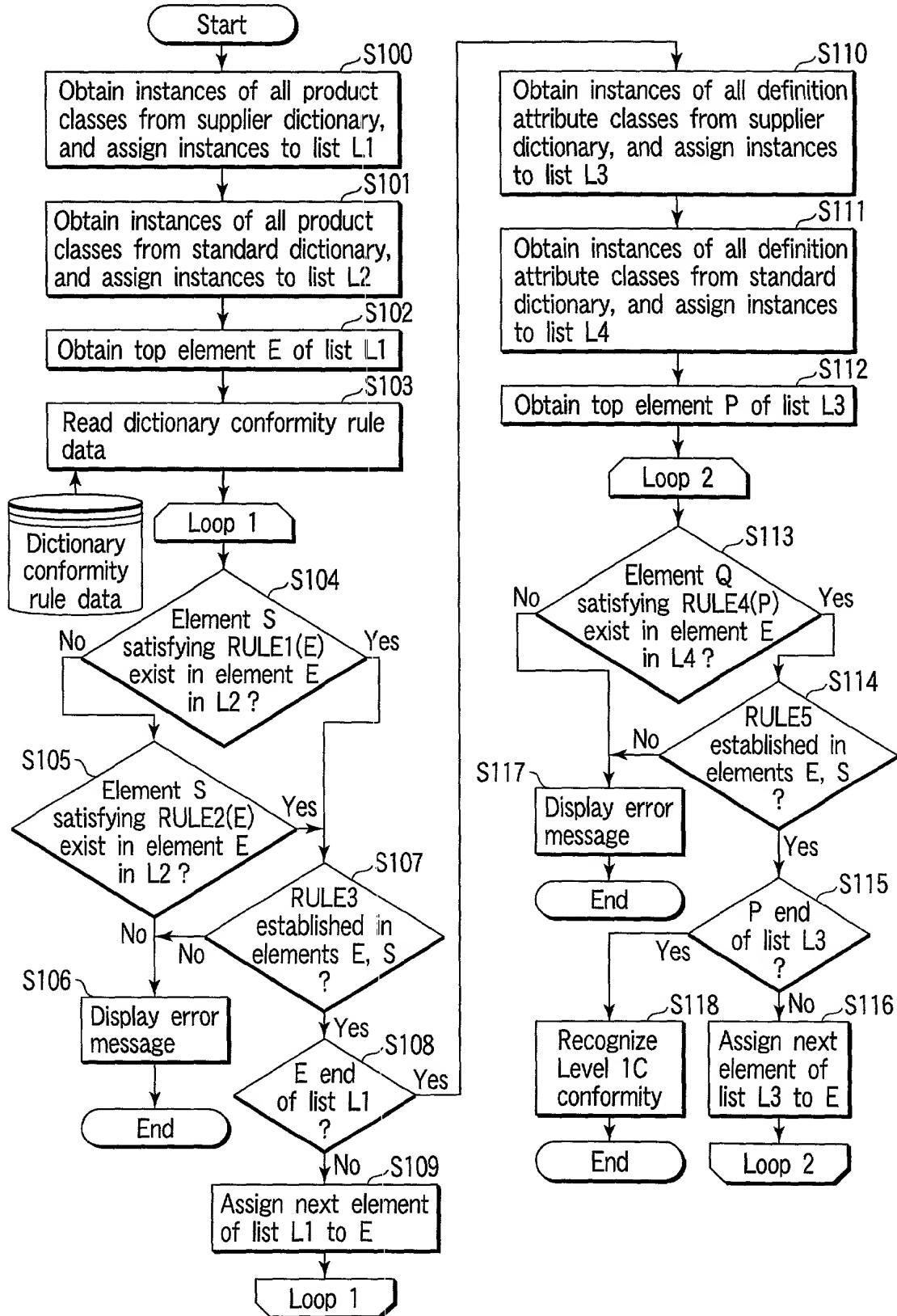


FIG. 20

Level 1E conformity test processing

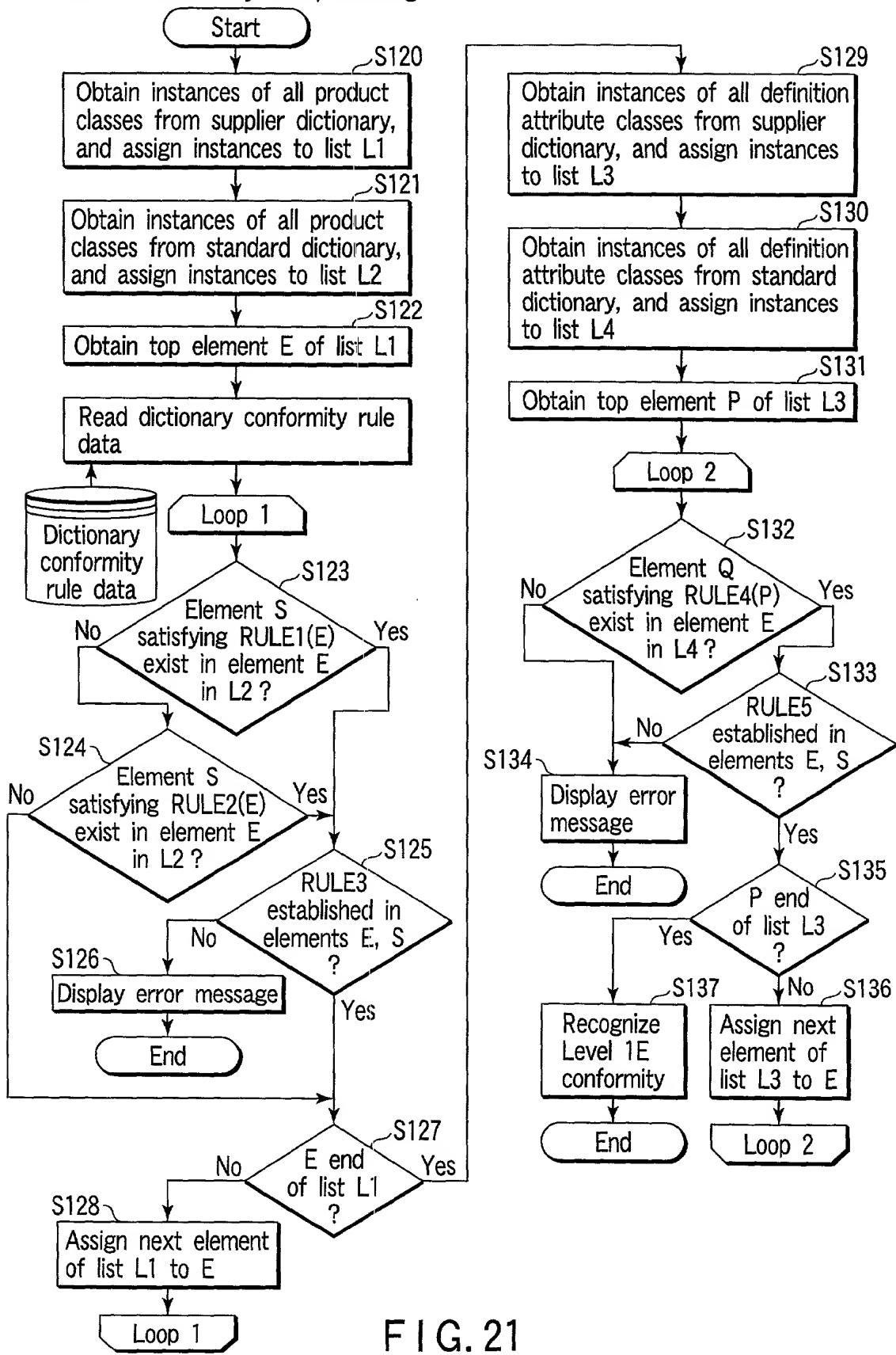


FIG. 21

Level 2C conformity test processing

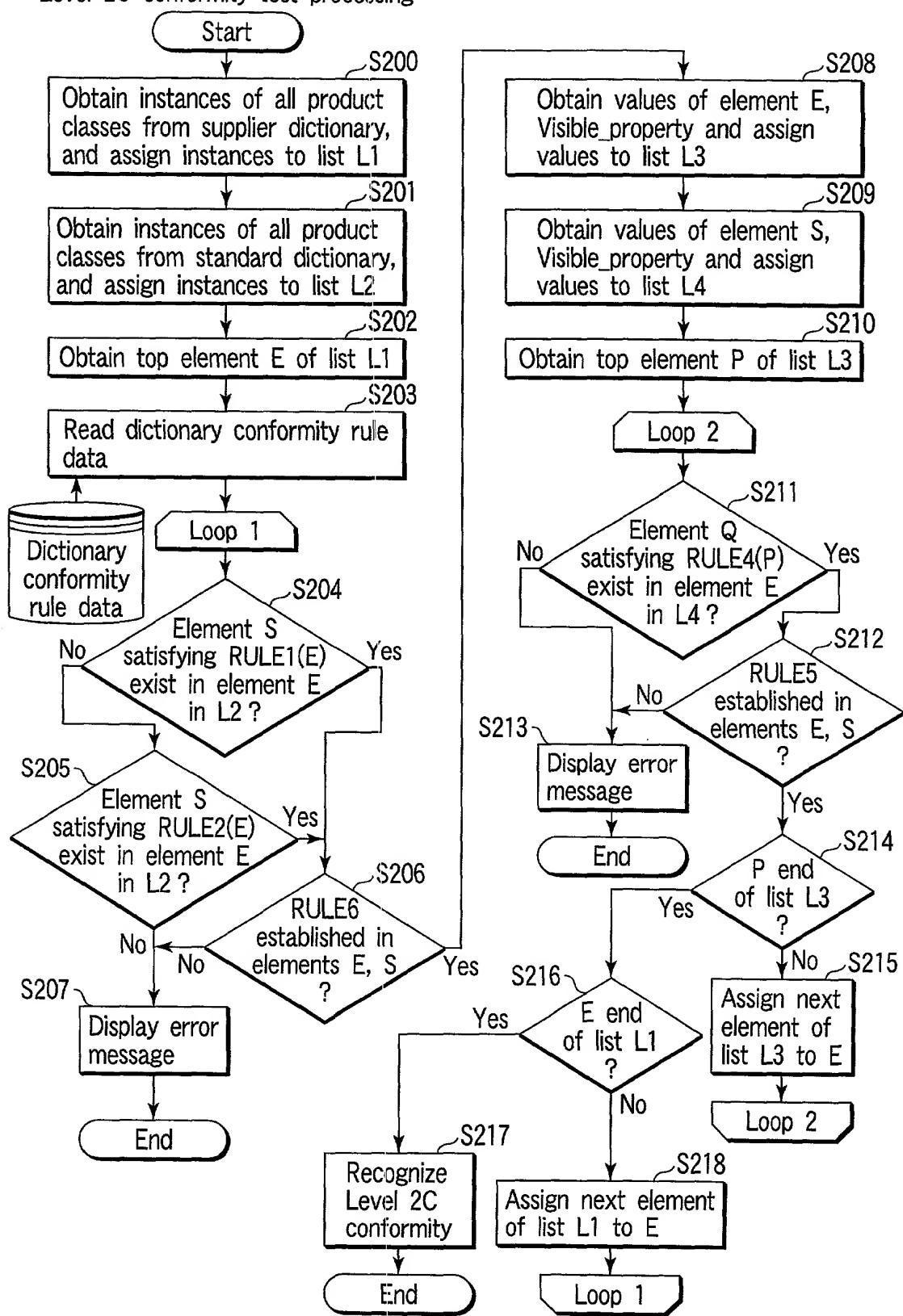


FIG. 22

Level 2E conformity test processing

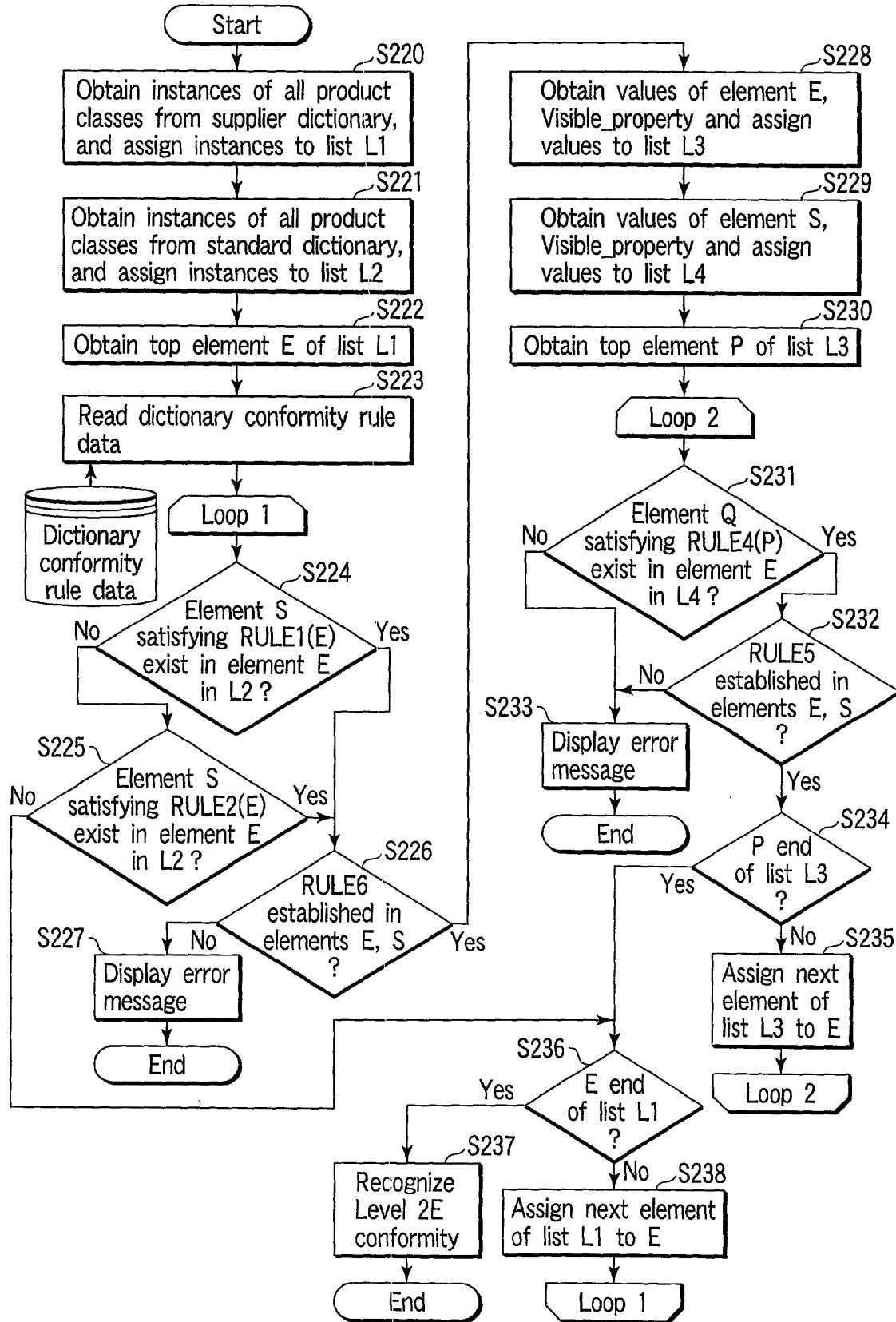


FIG. 23

Level 3C conformity test processing

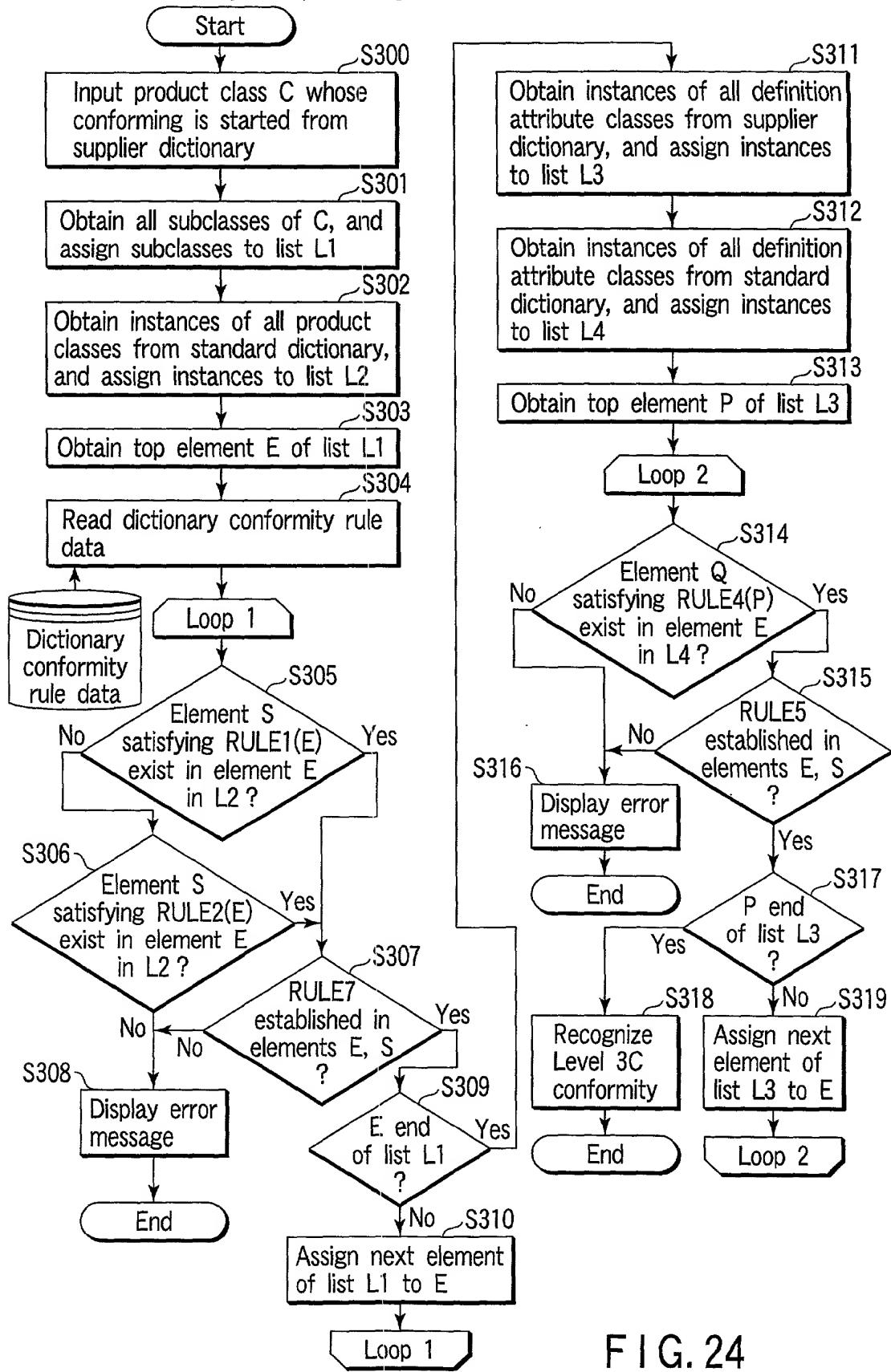


FIG. 24

Level 3E conformity test processing

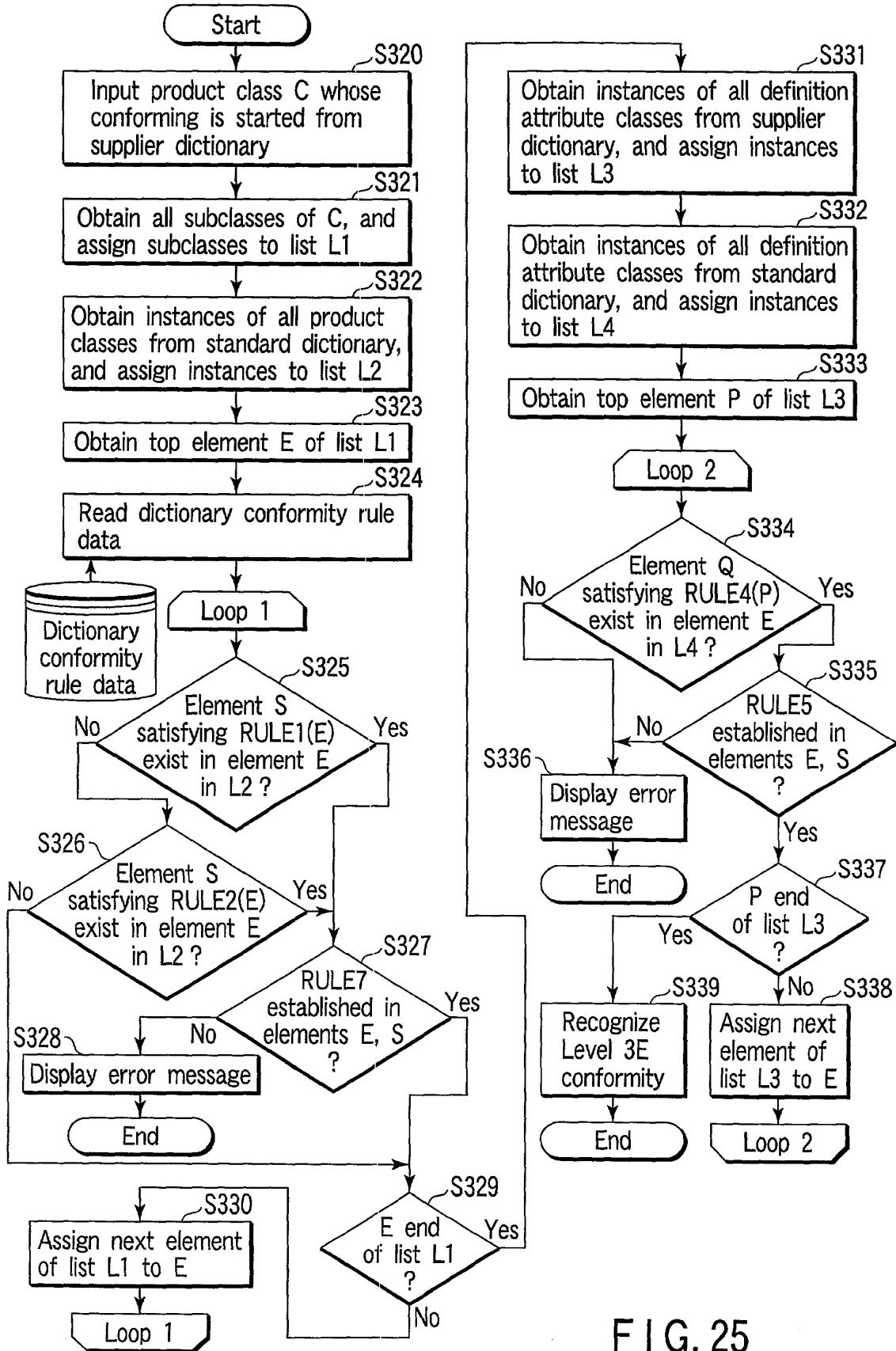


FIG. 25

Level 4C conformity test processing

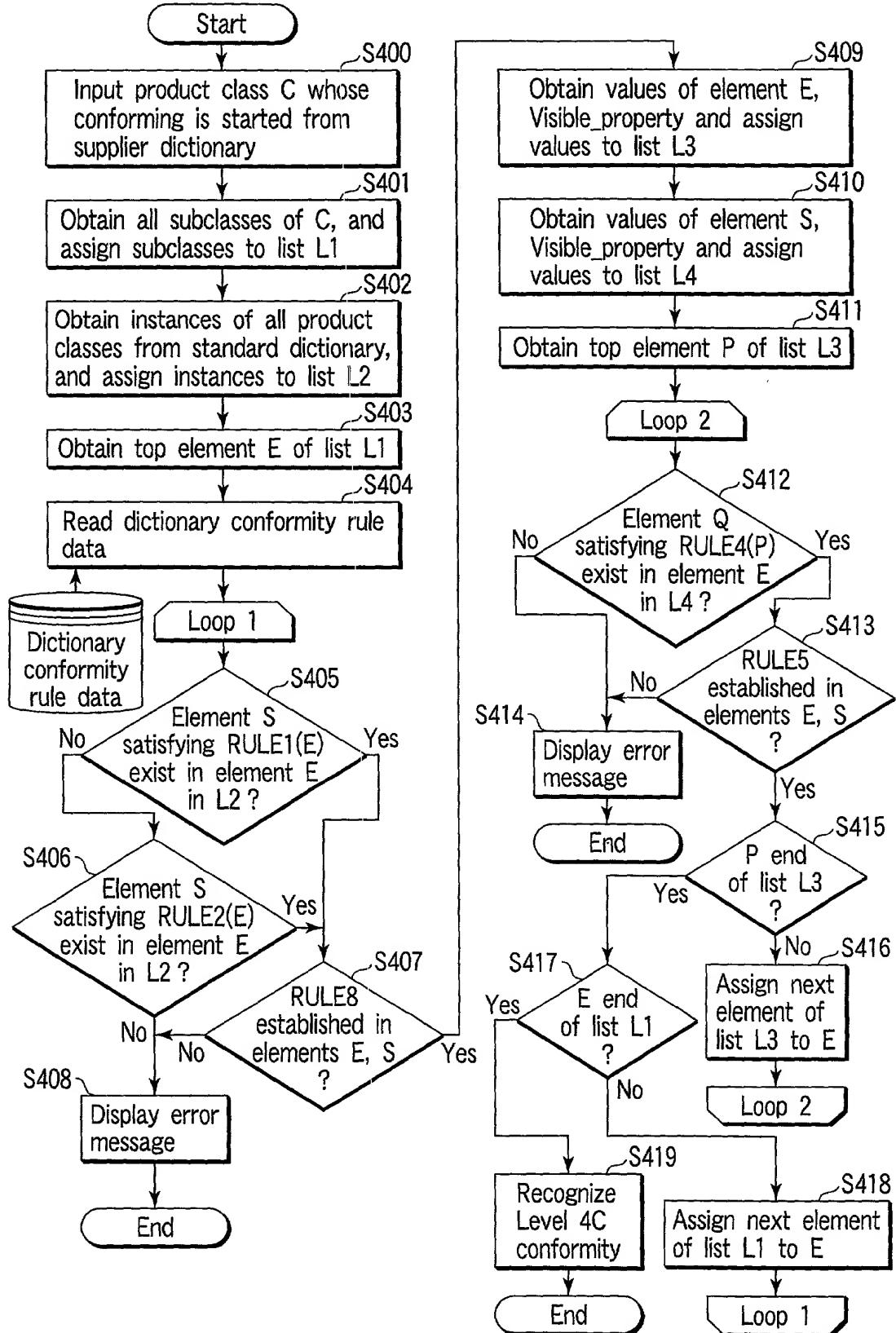


FIG. 26

Level 4E conformity test processing

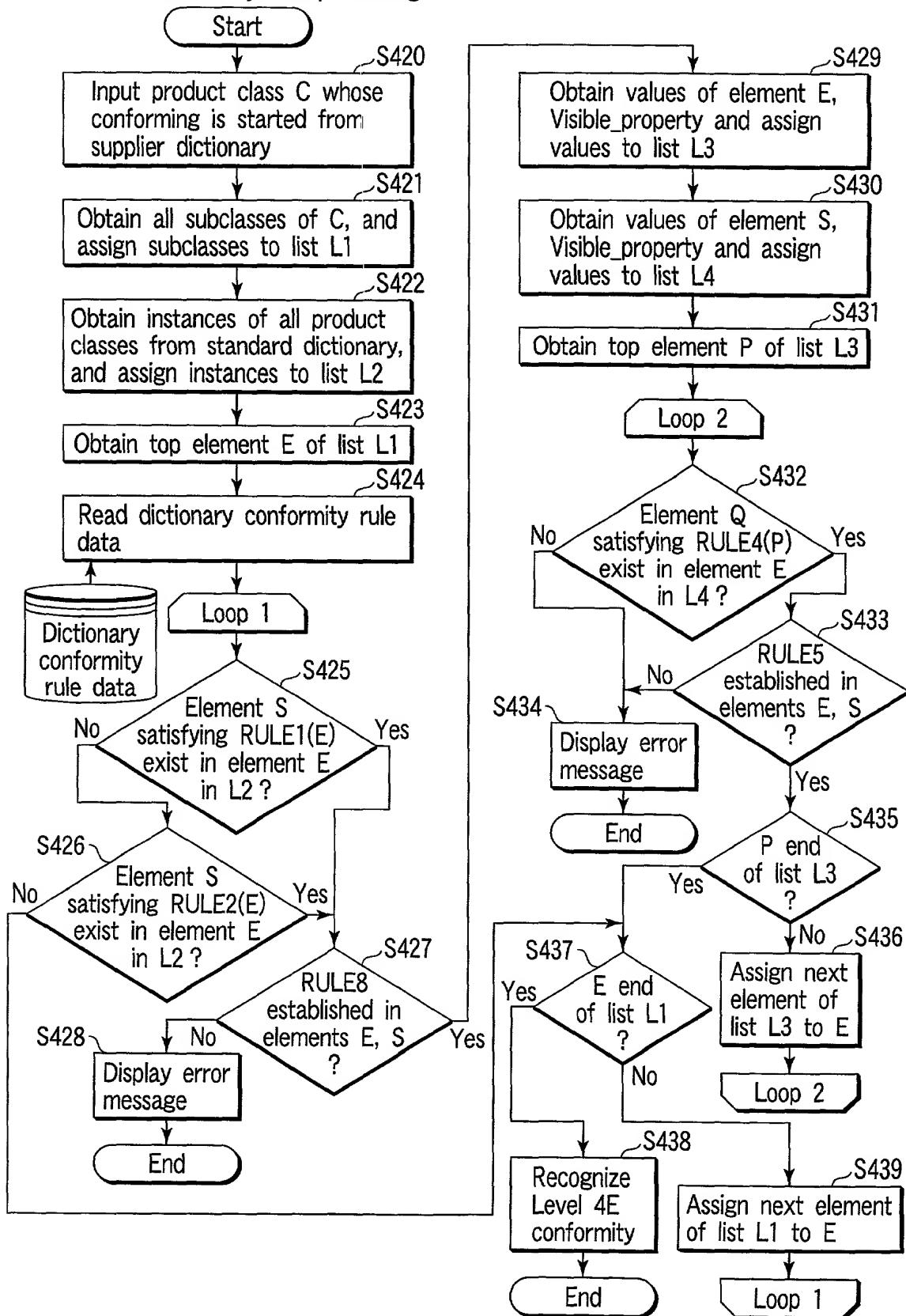


FIG. 27

Level 5C conformity test processing

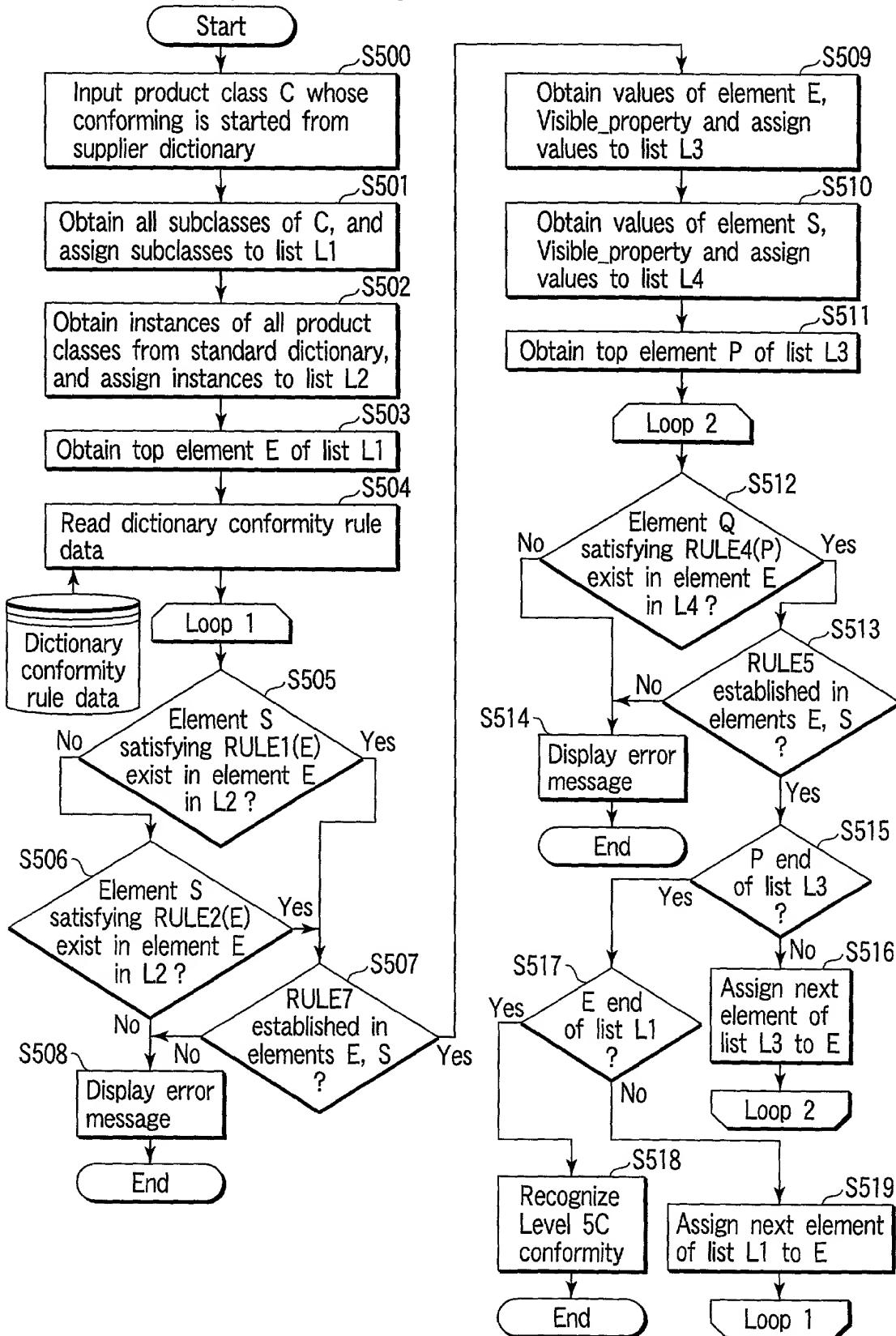


FIG. 28

Level 5E conformity test processing

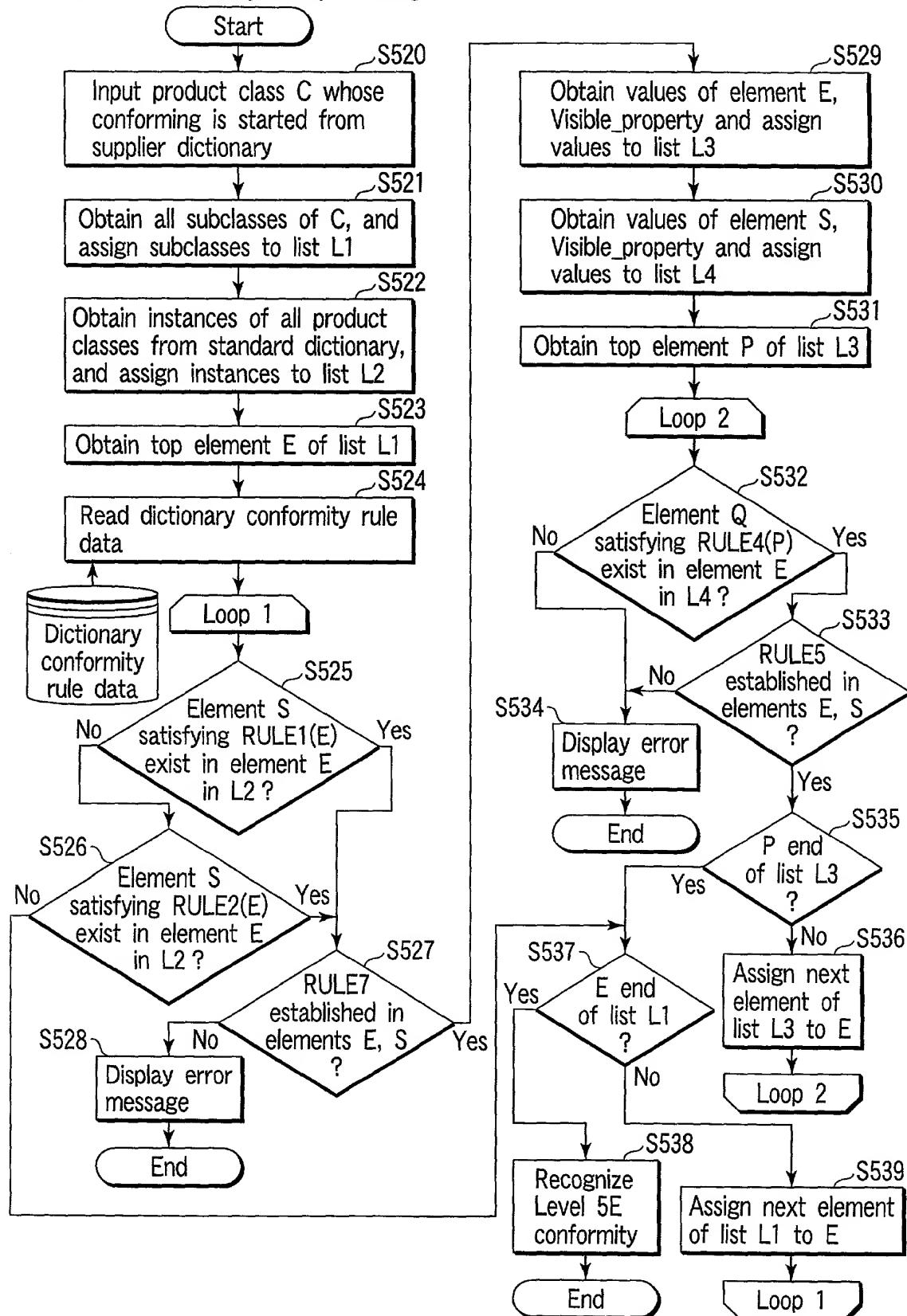


FIG. 29

Level 6C conformity test processing

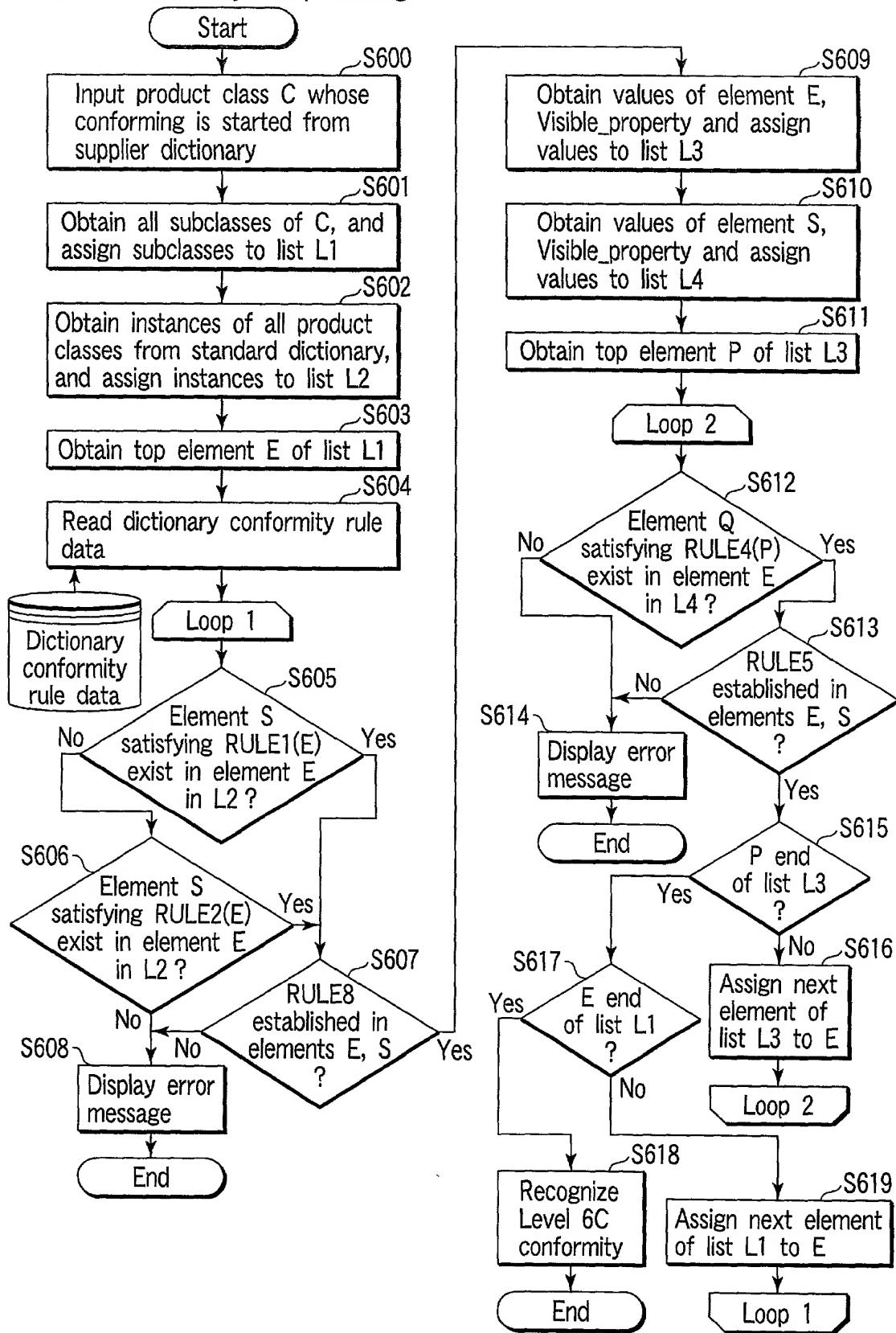


FIG. 30

Level 6E conformity test processing

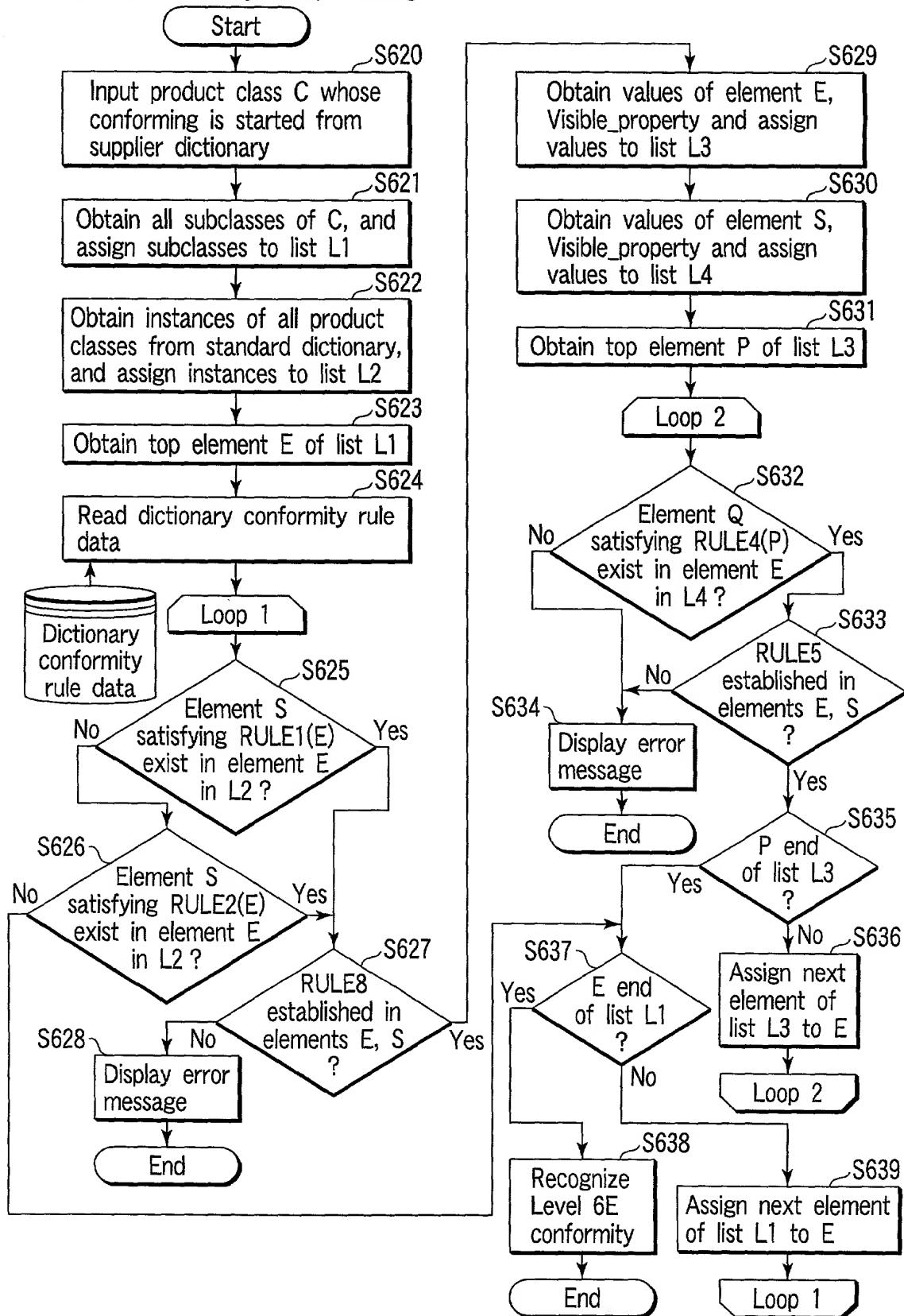


FIG. 31

Term (product class) detection rule

(RULE1)	IF	((A=Class_instance) and (A.Code=B.Code) and (A.Preferred name=B.Preferred name))
	THEN	A=B

Term (product class) detection rule

(RULE2)	IF	((A.is_case_of=B.Code))
	THEN	A=B

Term (product class) evaluation rule

(RULE3)	IF	((A.Short name=B.Short name) and (A.Definition=B.Definition) and (A.Source document of class definition=B.Source document of class definition))
	THEN	A=B

Term (definition attribute) detection rule

(RULE4)	IF	((A=Property_instance) and (A.Code=B.Code) and (A.Preferred name=B.Preferred name))
	THEN	A=B

Term (definition attribute) evaluation rule

(RULE5)	IF	((A.Short name=B.Short name) and (A.Definition=B.Definition) and (A.Source document of class definition=B.Source document of class definition)) and ((A.Synonymous Name=B.Synonymous Name) and (A.preferred letter symbol=B.preferred letter symbol) and (A.Synonymous letter symbol=B.Synonymous letter symbol) and (A.Formula=B.Formula) and (A.Value format=B.Value format) and (A.Unit=B.Unit))
	THEN	A=B

Single-unit object evaluation rule

(RULE6)	IF	((RULE3(A)) and (A.Visible_property=B.Visible_property))
	THEN	A=B

Classification hierarchy test rule

(RULE7)	IF	((RULE3(A)) and (A.Superclass=B.Superclass))
	THEN	A=B

Classification hierarchy object test rule

(RULE8)	IF	((RULE6(A)) and (A.Superclass=B.Superclass))
	THEN	A=B